

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013202**Date Inspected:** 10-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 7000**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhou zhong hai**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

Blast Shop 1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 7DW internal floor beam, Deck panel, Corner assemblies and deck panel diaphragms surfaces from the panel point 56 to 55.5 after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

X37 plates welded with Deck plate at PP55.5 the weld no is identified as SEG039E-076,077

The gap between X37 to deck plate was 4mm observed for approximately 100mm. this is added in punch list for ZPMC future repair.

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 7DW internal floor beam, Bottom plate, Side plate and longitudinal diaphragms surfaces from the panel point 57 to 58 after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

BAY#19

SMAW welding of weld joint 1F-032 located on PCMK SB008-044 of SB44E welder is identified as 062797.

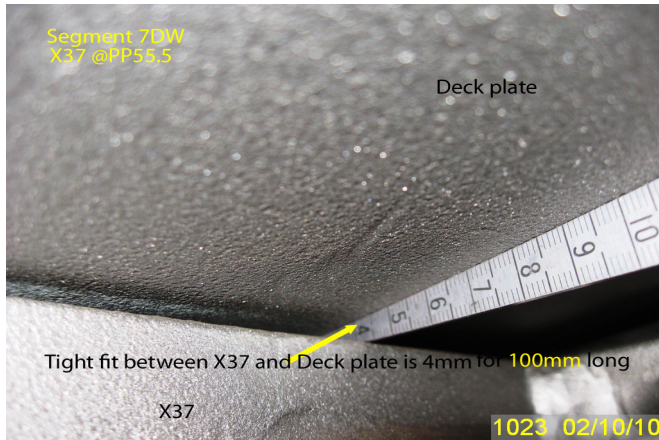
ZPMC QC is identified as Mr.Chen zheng . The welding variables recorded by QC appeared to Comply with the

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WPS-B-P-2112.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: McClendon,Timothy

QA Reviewer